

**Remarks**

Claims 1-20 are pending.

**Election/Restrictions**

The Examiner restricted the claims to the following groups under 35 U.S.C. § 121 and required Applicants to elect one group of claims for prosecution:

I. Claims 1-4, drawn to an isolated nucleic acid molecule comprising the sequence of SEQ ID NO:4 and encoding CA125, classified in class 536, subclass 23.1.

II. Claims 5-7, drawn to an isolated nucleic acid molecule comprising the sequence of SEQ ID NO:1, classified in class 536, subclass 23.1.

III. Claims 8-10, drawn to an isolated nucleic acid molecule comprising the sequence of SEQ ID NO:2, classified in class 536, subclass 23.1.

IV. Claims 11-13, drawn to an isolated nucleic acid molecule comprising the sequence of SEQ ID NO:3, classified in class 536, subclass 23.1.

V. Claim 14, drawn to a polypeptide with the amino acid sequence selected from the group consisting of: (a) the amino acid sequence set forth in SEQ ID NO: 5; (b) an amino acid sequence having at least 50% sequence identity to said sequence; (c) a conservative variant of an one of (a) to (b); and (d) a fragment of any one of (a) to (c).

VI. Claims 15-19, drawn to a purified antibody that selectively binds to an amino acid sequence of the CA125 protein: (a) wherein the amino acid sequence of the CA125 protein comprises the amino acid sequence set forth in SEQ ID NO: 5; (b) an amino acid sequence having at least 50% sequence identity to said sequence; (c) a conservative variant of any one of (a) to (b); and (d) a fragment of any one of (a) to (c).

VII. Claim 20, drawn to A method to make a purified fragment of the CA125 polypeptide of SEQ ID NO: 5 comprising: (a) expressing a portion of the isolated nucleic acid molecule set out in SEQ ID NO: 4 to obtain a fragment of the CA125 molecule; and (b) purifying said fragment of the CA125 molecule.

Applicant elects without traverse the claims of group I, claims 1-4, drawn to an isolated nucleic acid molecule encoding CA125. Applicant notes that, contrary to what

the Examiner's description of claims 1-4 implies, claims 1-4 do not all recite SEQ ID NO:4.

Conclusion

The Examiner is invited to telephone Applicant's attorney (651-207-8270) to facilitate prosecution of this application.

Respectfully submitted,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient first class postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day May 10, 2006.

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